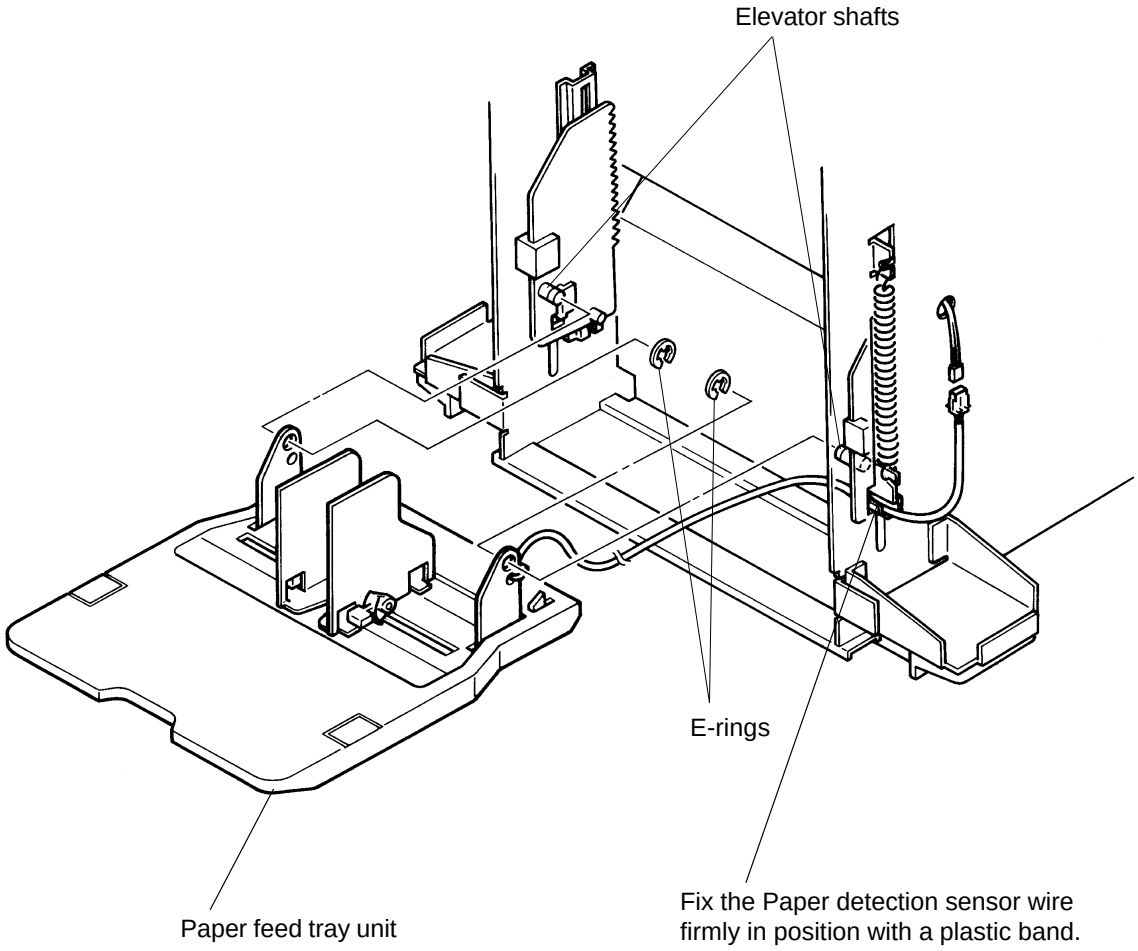
2. Removal and Assembly

1. Paper Feed Tray Unit

1. Lower the Paper feed tray.
2. Remove the Drum from the machine.
3. Disconnect the power supply from the machine.
4. Remove Front cover from the machine.
5. Disconnect the Connector of the Paper detection sensor and pull the wire harness towards the Paper feed tray.
6. Remove two E-rings from the ends of the Elevator shafts and remove the tray unit from the shafts.

Precaution in Assembly

> Make sure to tie the wire harness of the Paper detection sensor firmly in position with a plastic band.

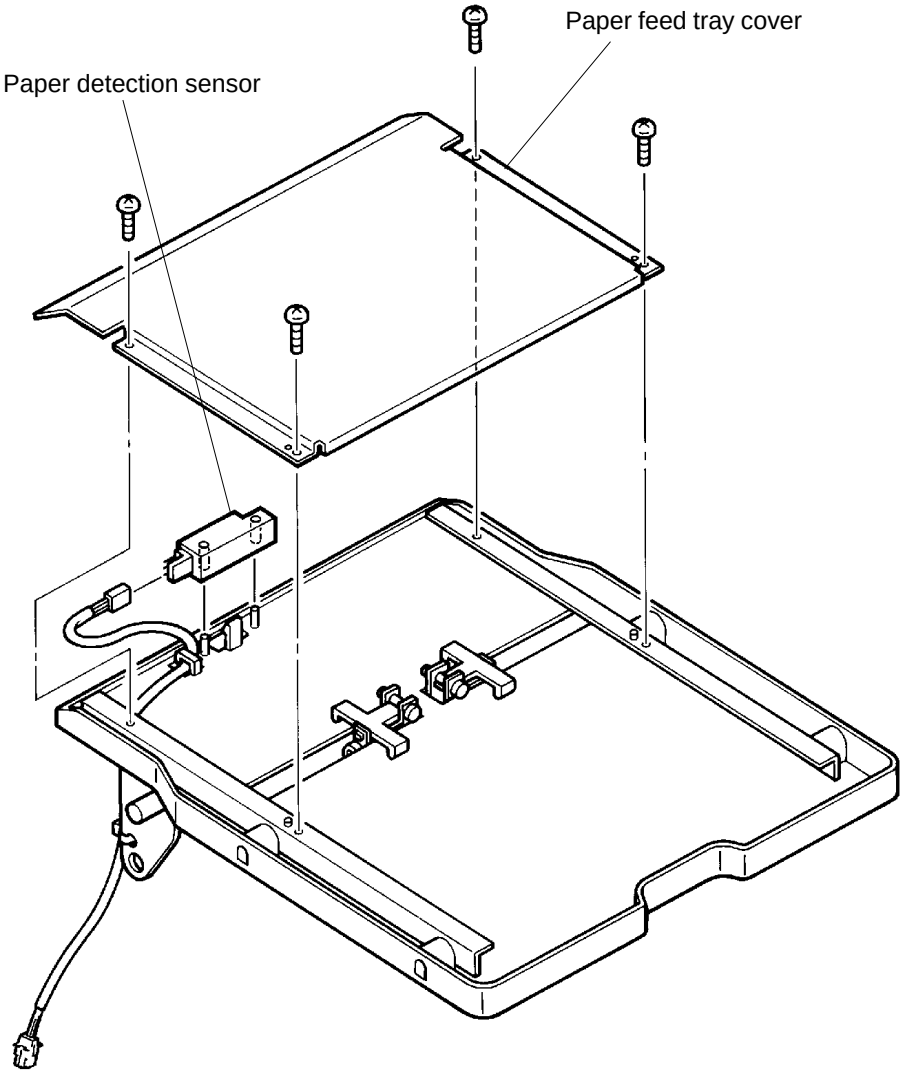


2. Paper Detection Sensor

1. Lower the Paper feed tray.
2. Remove the Drum from the machine.
3. Disconnect the power supply from the machine.
4. Remove Front cover.
5. Remove the Paper feed tray unit (page 4-7)
6. Remove four mounting screws of the Paper feed tray cover and remove the cover.
7. Remove the Paper detection sensor from the Paper feed tray unit and disconnect the Connector to free the sensor.

Precautions in Assembly

> Match the half-pierced section of the Paper detection sensor with its counter part.
> Match the half-pierced section of the Paper feed tray cover with its counter part.

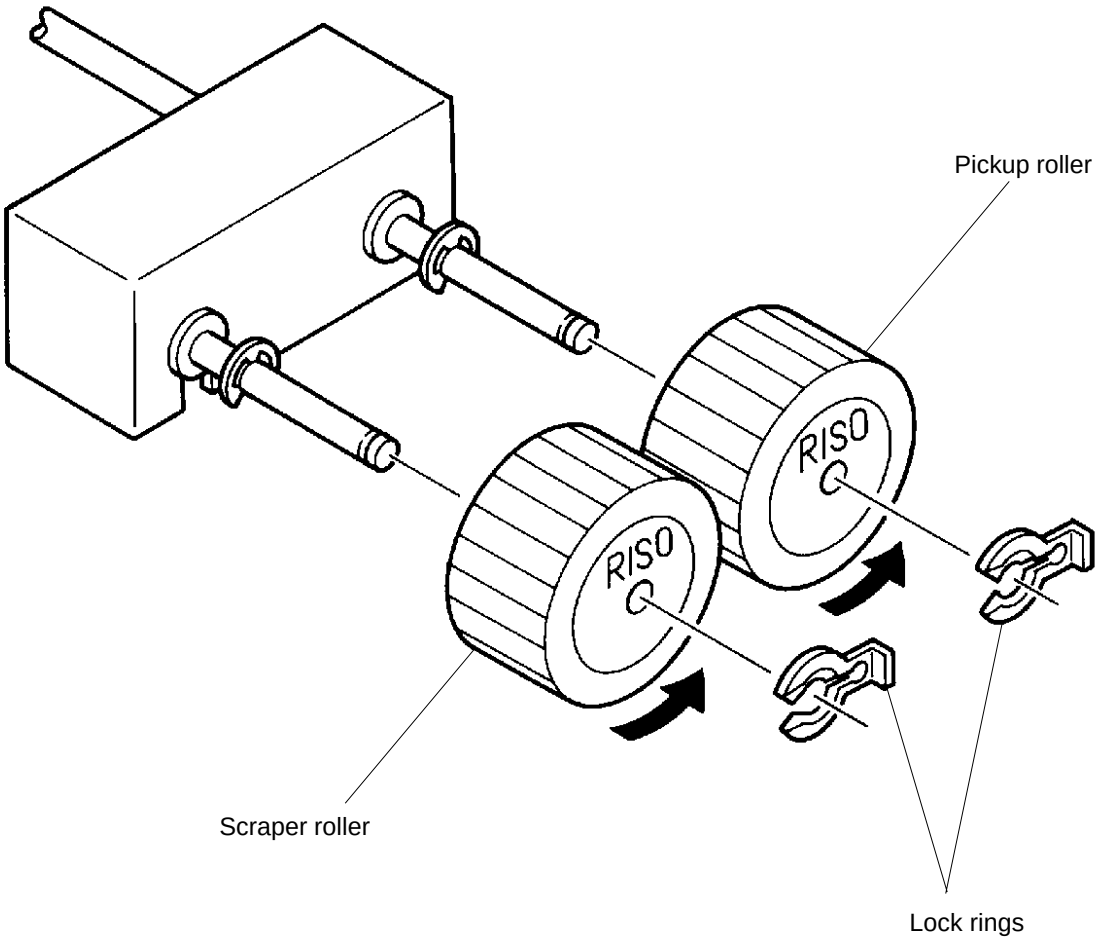


3. Scraper and Pickup Rollers

1. Lower the Paper feed tray all the way down.
2. Disconnect the power supply from the machine.
3. Remove Lock rings from the Scraper roller and Pickup roller shafts.
4. Slide the Scraper roller and Pickup roller out from the shafts.

Precautions in Assembly

> Both rollers have built-in one-way clutch.
If the rollers are put back on the shaft the opposite way (turned around), the one-way clutches prevent the rollers from rotating.
Placed correctly on the shafts, the rollers should rotate freely by hand in the direction shown on the illustration below.

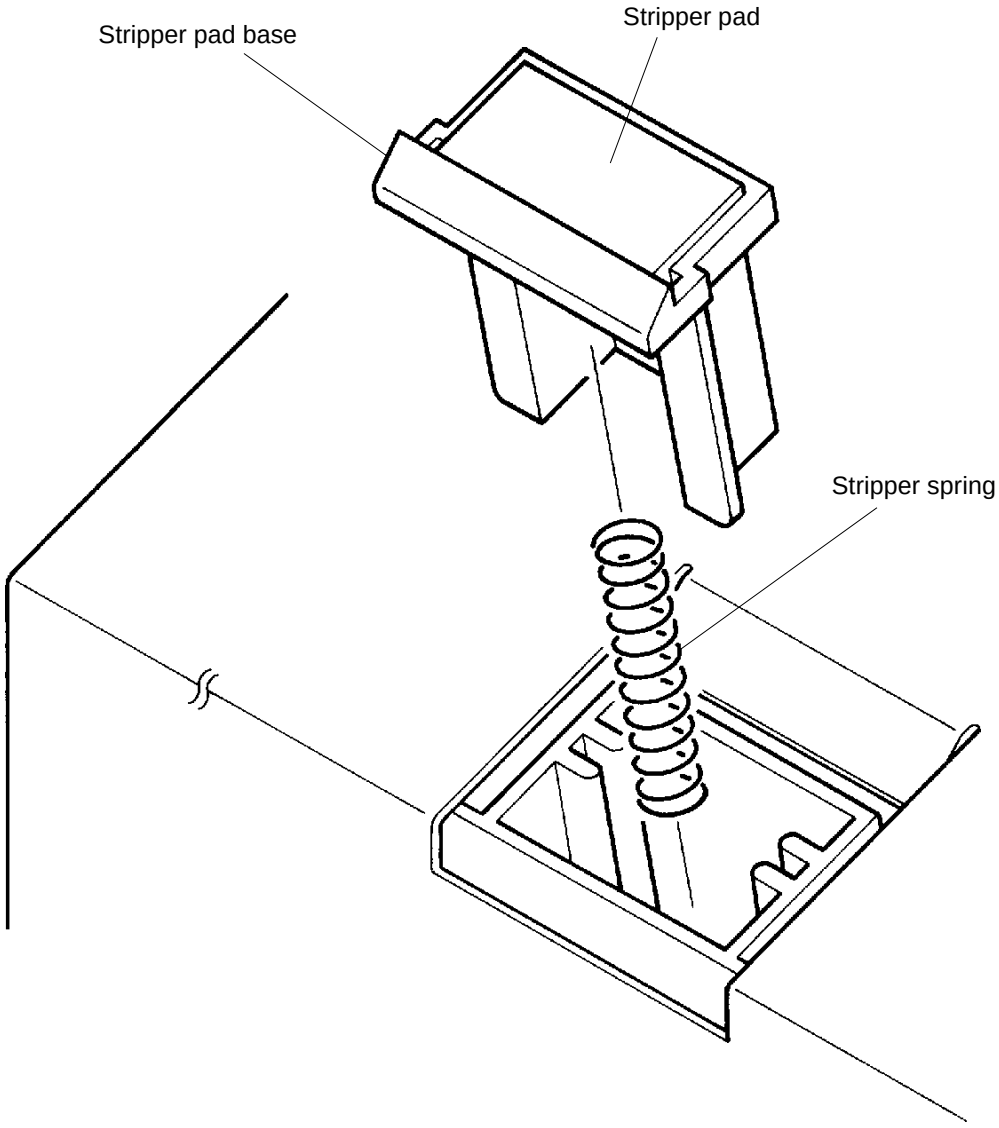


4. Stripper Pad

1. Lower the Paper feed tray all the way down.
2. Disconnect the power supply from the machine.
3. Remove the Scraper and Pickup Rollers. (page 4-9)
4. Remove the Stripper pad base carefully, not to damage the Stripper spring.
5. Remove the Stripper Pad from the Stripper pad base.

Precaution in Assembly

> Set the Stripper spring correctly in the machine before setting the Stripper pad base back in place.



5. Upper Limit Sensor

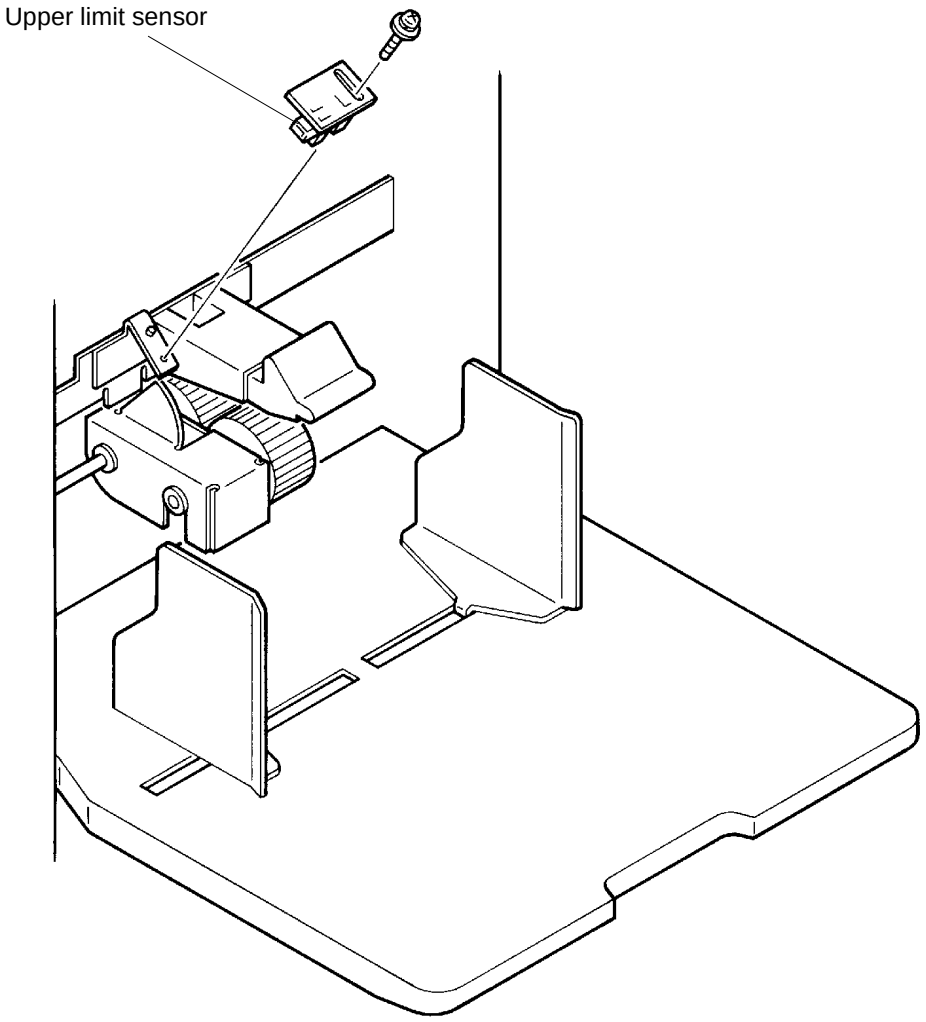
1. Lower the Paper feed tray.
2. Disconnect the power supply from the machine.
3. Remove the Master removal lower cover.
4. Remove the mounting screw of the Upper limit sensor bracket and remove the bracket with the sensor attached.
5. Disconnect the connector of the sensor, and remove the sensor from the bracket.

Precaution in Assembly

> Match the half-pierced section of the sensor bracket with its counter part.

Adjustment after Assembly

> Adjust the position of the sensor.

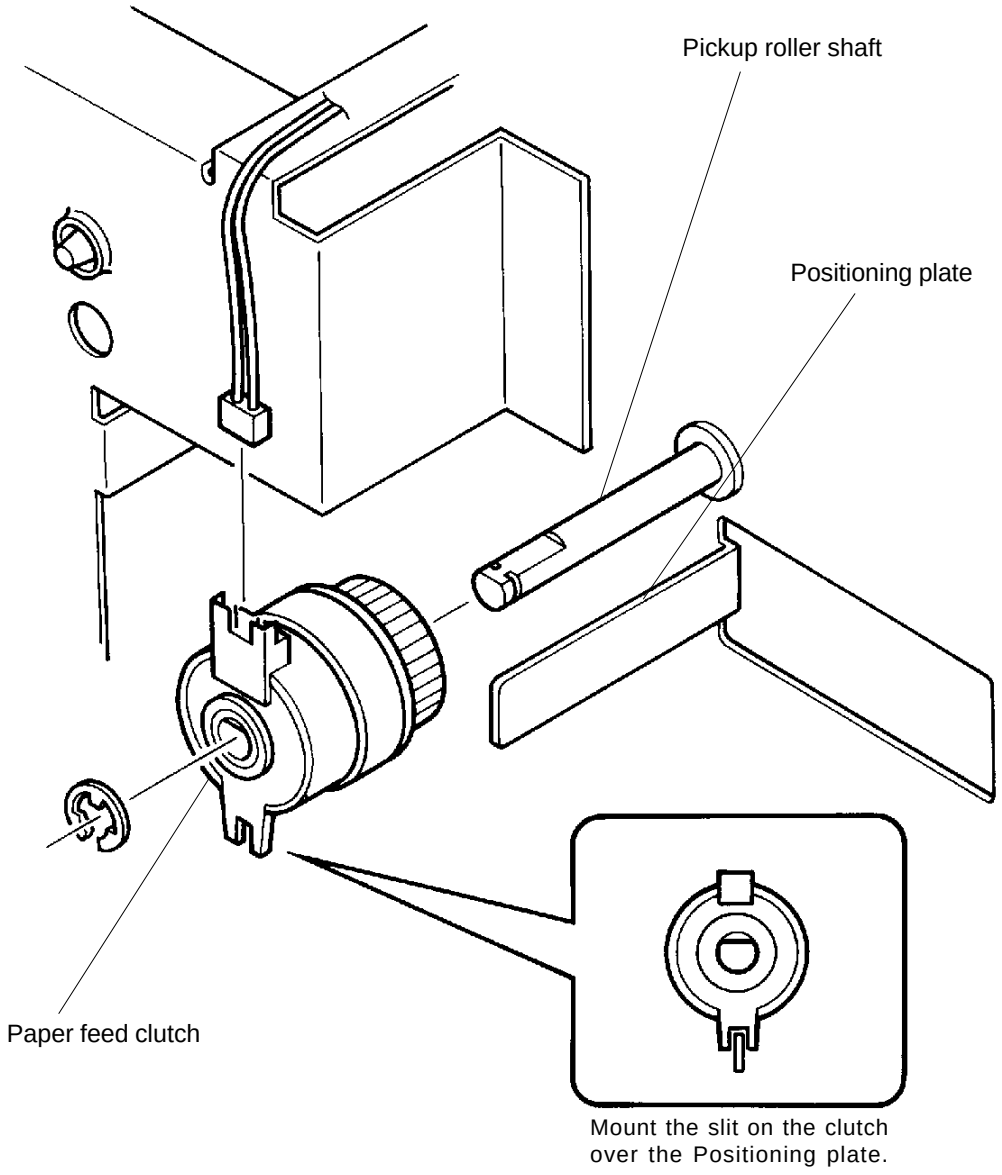


6. Paper Feed Clutch

1. Disconnect the power supply from the machine.
2. Remove Back cover.
3. Open the Main PCB bracket frame
4. Disconnect the Connector of the Paper feed clutch.
5. Remove E-ring from the Pickup roller shaft and remove the Paper feed clutch from the shaft.

Precautions in Assembly

> Match the position of the flat cut portion of the Pickup roller shaft with that of the clutch.
> Mount the slit on the clutch over the Positioning plate on the machine to prevent the clutch from rotating.

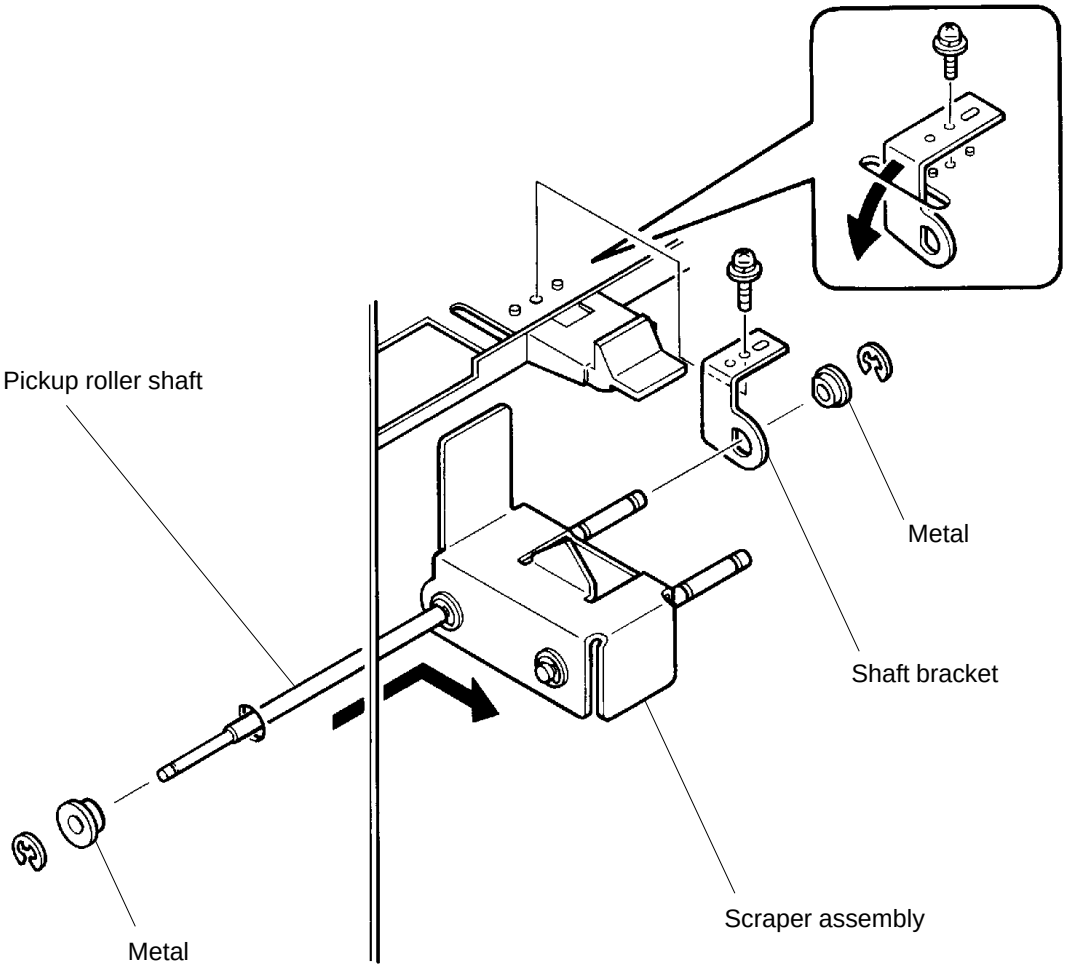


7. Scraper Assembly

1. Lower the Paper feed tray.
2. Disconnect the power supply from the machine.
3. Remove Back cover and Master removal lower cover.
4. Remove following three parts from the machine.
   > Pickup roller and Scraper roller (page 4-9)
   > Elevator upper limit sensor (page 4-11)
   > Paper feed clutch (page 4-12)
5. Remove E-rings from the both ends of the Pickup roller shaft and remove the Metals.
6. Remove the mounting screw of the Shaft bracket.
7. Slide the Pickup shaft to the drive side of the machine and remove the Shaft bracket.
8. Remove the Scraper assembly from the machine.

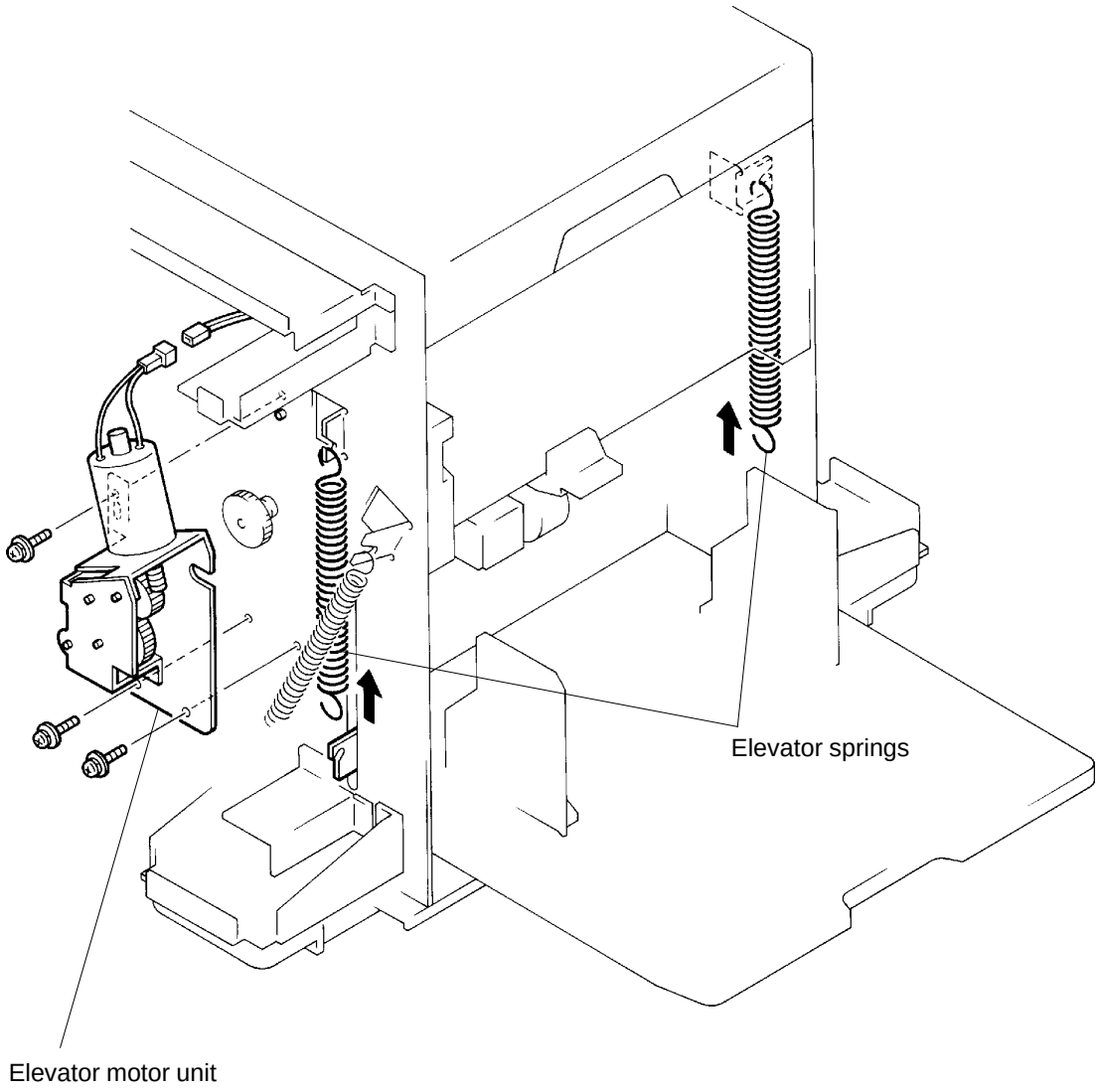
Adjustment after Assembly

> Adjust the position of the Elevator upper limit sensor. (page 4-15)



8. Elevator Motor Unit

1. Lower the Paper feed tray.
2. Remove the Drum from the machine.
3. Disconnect the power supply from the machine.
4. Remove the Front and Back covers.
5. Open the Main PCB bracket frame.
6. Remove the two Elevator springs from the machine.
7. Disconnect the Connector of the Elevator motor.
8. Remove three mounting screws of the Elevator motor unit and remove the unit from the machine.

Precautions in Assembly

> Match the half-pierced section of the Elevator motor unit with its counter part.